

# Extendable rotating cleaning nozzle PopUp Whirly Series 5P2/5P3



## Features:

- Pressure-dependent automatically extending rotating cleaning nozzle
- Can be installed flush in the tank wall
- Suitable for cleaning pipes and applications that use foam
- Particularly suitable for applications in the pharmaceutical, chemical and food and beverage industry



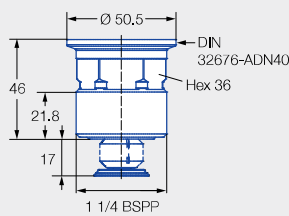
Series 5P2



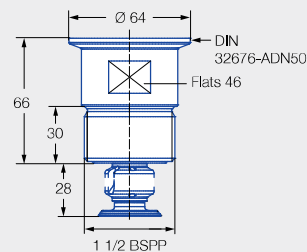
Series 5P3



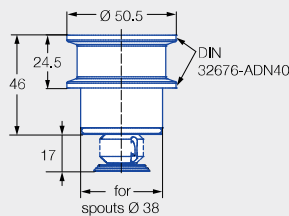
**ATEX version  
available on  
request**



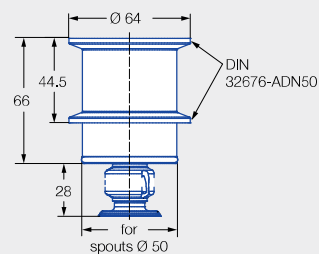
Male thread



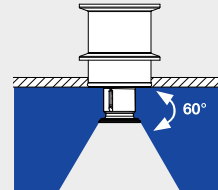
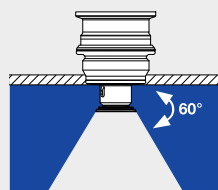
Male thread



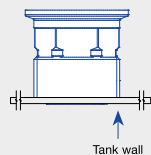
Tri-Clamp connection<sup>1</sup>



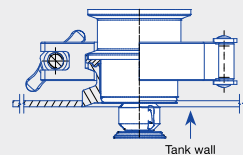
Tri-Clamp connection<sup>2</sup>



## Installation situation



Via thread in idle position



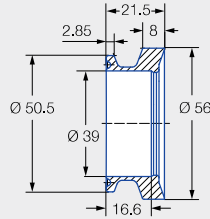
Via Tri-Clamp in operating  
position

<sup>1</sup> A clamp according to DIN 32676-A with a connection diameter of 50.5 mm is required to connect the nozzle to the weld-in flange.

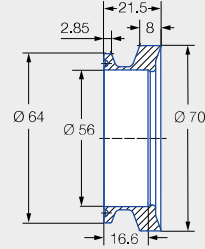
<sup>2</sup> A clamp according to DIN 32676-A with a connection diameter of 64.0 mm is required to connect the nozzle to the weld-in flange.

### Weld-in flange for Tri-Clamp connection

A 2 mm thick gasket must be used if the PopUp Whirly is installed with the weld-in flange.



Ordering no.: 050.020.1Y.01.00  
Material: Stainless steel 316L



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Max. tank diameter [m]	0	1	2	3	4	5	6	7	8	9
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**Cleaning efficiency class**  
2



**Max. temperature**  
140°C



**Installation**  
Operation in every direction is possible



**Bearing**  
Slide bearing made of PEEK



**Material**  
Stainless steel 316L, stainless steel 316Ti (spring), stainless steel 316 (snap ring), PEEK (slide bearing), FKM (O-ring)



**Recommended operating pressure**  
2 bar  
5P2: Opening pressure approx. 1.0 bar, closing pressure approx. 0.5 bar,  
5P3: Opening pressure approx. 0.9 bar, closing pressure approx. 0.5 bar




**Filtration**  
Line strainer with a mesh size of 0.3 mm/50 mesh

Function video

[www.lechler.com/popupwhirly](http://www.lechler.com/popupwhirly)  
Or scan the QR code.



Spray angle	Ordering no.				Narrowest free cross section Ø [mm]	V̇ water [l/min]				Max. tank diameter [m]
	Type	Code				p [bar] (p <sub>max</sub> = 6 bar)				
		1 1/4 BSPP	1 1/2 BSPP	Tri-Clamp		1.0	2.0	3.0	at 40 psi [US gal/min]	
	5P2.873.1Y.AP	●			1.0	11	15	18	5	0.8
	5P2.873.1Y.00			●	1.0	11	15	18	5	0.8
	5P2.923.1Y.AP	●			2.4	14	20	25	6	1.0
	5P2.923.1Y.00			●	2.4	14	20	25	6	1.0
	5P3.043.1Y.AR		●		3.2	28	40	49	12	2.2
	5P3.043.1Y.00			●	3.2	28	40	49	12	2.2

The maximum tank diameter applies to the recommended operating pressure and is meant as a recommendation only.  
The cleaning result is also affected by the type of soiling.

#### Information on operation

- The PopUp Whirly is not suitable for operation with compressed air or any other gas.
- Operation above the recommended operating pressure has a negative impact on the cleaning result and wear.